

## Title (en)

Power supply unit, distributed power supply system and electric vehicle loaded therewith

## Title (de)

Stromversorgungseinheit, System mit verteilter Stromversorgung und diese enthaltendes elektrisches Fahrzeug

## Title (fr)

Système d'alimentation de courant, système d'alimentation en courant distribuée et véhicule électrique comportant ce système

## Publication

**EP 1315227 A2 20030528 (EN)**

## Application

**EP 02008275 A 20020419**

## Priority

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## Abstract (en)

A power supply unit, a distributed power supply system and an electric vehicle loaded therewith, capable of charge/discharge operation are disclosed. A first cell group (101) is connected in parallel to a second cell group (102) in which the electrolytic solution can be electrolyzed or the generated gas can be recombined. A plurality of the parallel circuit pairs are connected in series, and the series circuit is connected with a charger/discharger (103) to constitute the power supply unit. The charger/discharger charges the power supply unit up to a voltage at which the electrolytic solution of the second cell group is electrolyzed or the generated gas is recombined.

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## Cited by

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